

ABSTRACT OF THE DISCLOSURE

Magnetic transfer can be performed with high reliability by shortening the magnetic transit interval of servo address information, that is, a section in which “0” or “1” continues. An area for registering information indicating a start position of data inversion or non-inversion of the servo address information is formed between a servo detection pattern and servo address information of the servo signal. When a continuing data section exceeds a predetermined section in a data sequence of the servo address information, the data at the subsequent portion to the exceeding position are inverted or non-inverted, and the exceeding position is registered as a start position for inversion or non-inversion in the area.